

## METHOD FOR PREPARING RADIOLABELED THYMIDINE HAVING LOW CHROMOPHORIC BYPRODUCTS

### ABSTRACT OF THE DISCLOSURE

The invention is a method and related precursor for preparing  $^{18}\text{F}$ -FLT. The precursor has a butoxycarbonyl protecting group at the 5'-position that results in low amounts of chromophoric byproducts being formed during deprotection. The method for preparing  $^{18}\text{F}$ -FLT is efficient and makes the final purification step less complicated.

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